## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	"6806553".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR .	ON .	2006/07/12 12:09
S2	2	("5856242"   "6100773").PN. OR ("6806553").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 12:29
S3	22	("2830274"   "2907957"   "3911176"   "4473806"   "5192871"   "5339211"   "5527567"   "5527629"   "5561407"   "5618575"   "5670218"   "5771148"   "5920454").PN. OR ("5856242"   "6100773").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 12:53
S4	30	("3579278"   "3604990"   "3611070"   "3624895"   "3634738"   "3860945"   "4973922").PN. OR ("5192871").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 13:35
S5	1	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and (("(111)" "[111]") same BST same dielectric\$) and MgO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/12 13:43
S6	148	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and ("(111)" "[111]") and MgO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/12 13:43
<b>S</b> 7	2	"6025619".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/12 14:19
S8	93	microwave and oscillator\$ and (tunable with filter) and (phase with shifter) and (antenna satellite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/12 15:00
S9	7	("20030022030" "5593495" "57286 03" "5739563" "6312819" "6319764 " "6806553").PN.	US-PGPUB; USPAT	OR	ON	2007/01/03 11:06
S10	14	(US-20030228500-\$ or US-20040106014-\$ or US-20030022030-\$).did. or (US-6617062-\$ or US-5192871-\$ or US-7012317-\$ or US-6986955-\$ or US-6806553-\$ or US-6025619-\$ or US-5593495-\$ or US-5728603-\$ or US-5739563-\$ or US-6312819-\$ or US-6319764-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/03 11:44

## **EAST Search History**

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S11	3	interdigital and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 11:44
S12	153	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and ("(111)" "[111]") and MgO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 14:40
S13	107	microwave and oscillator\$ and (tunable with filter) and (phase with shifter) and (antenna satellite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 11:56
S14	4	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and ("(111)" "[111]" "{111}") and MgO and interdigital and BST	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 14:41
S15	1	hunt.inv. and allen.inv. and kiesling. inv. and schwerzel.inv.	EPO	OR	ON	2007/01/03 14:51
S16	1	"5652021".pn.	US-PGPUB; USPAT	OR	ON	2007/01/03 15:23
S17	8	("20030022030" "5593495" "57286 03" "5739563" "6312819" "6319764 " "6806553" "7145412").PN.	US-PGPUB; USPAT	OR	ON	2007/04/23 07:01
S18	19	(US-20040089985-\$ or US-20050128029-\$ or US-20050176575-\$ or US-20030022030-\$ or US-20030228500-\$ or US-20040106014-\$).did. or (US-6025619-\$ or US-6312819-\$ or US-5728603-\$ or US-6319764-\$ or US-5739563-\$ or US-6617062-\$ or US-6986955-\$ or US-7145412-\$ or US-5192871-\$ or US-5593495-\$). did. or (EP-1561256-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2007/04/23 07:05
S19	3	(laser near4 ablation) and (S17 S18)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 07:17
S20	1	(laser near4 pulse) and (S17 S18)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 07:14
S21	19	(laser near4 ablation) with (difference different) with \$cvd	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 07:18

## **EAST Search History**

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S22	1	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and (("(111)" "[111]") same BST same dielectric\$) and MgO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:18
S23	155	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and ("(111)" "[111]") and MgO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 09:03
S25	5	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and ("(111)" "[111]") and (BST with epitaxial) and dielectric\$ and MgO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON ·	2007/04/23 13:18
S26	0	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and (("(111)" "[111]") with MgO) and (BST with epitaxial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 09:28
S27	0	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and (("(111)" "[111]" "(1,1,1)" "[1,1,1]") with MgO) and (BST with epitaxial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:17
S28	0	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and (("111" "111" "1,1,1" "1,1,1") with MgO) and (BST with epitaxial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:18
S29	1	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and (("111" "1,1,1") same BST same dielectric\$) and MgO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:35
S30	. 5 !	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and ("111" "1,1,1") and (BST with epitaxial) and dielectric\$ and MgO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:33
S31	0	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and ("111" "1,1,1" "(111)" "[111]" "{111}") and (BST with epitaxial) and dielectric\$ and (MgO (magnesium adj oxide)) not S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:34
S32	0	(428/697,699,701,702.ccls. 117/902.ccls. 333/205,207,209.ccls. ) and (("111" "1,1,1" "(111)" "[111]" "{111}") same BST same dielectric\$) and ((magnesium adj oxide) MgO) not S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:35